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ARIZONA DEPARTMENT OF TRANSPORTATION * MATERIALS GROUP

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POLICY AND PROCEDURE DIRECTIVE

TO: ALL MANUAL HOLDERS	PPD NO. 96-1
SUBJECT: CERTIFICATION AND ACCEPTANCE OF CHEMICAL AND AIR ENTRAINING ADMIXTURES FOR PORTLAND CEMENT CONCRETE	EFFECTIVE DATE: March 1, 1996

GENERAL

This Policy and Procedure Directive supersedes any other previous memorandums, directives, or bulletins issued on this subject.

This Policy and Procedure Directive outlines the procedure to be followed for certification and acceptance of chemical and air entraining admixtures for portland cement concrete.

This Policy and Procedure Directive modifies the normal certification procedures. It shall be used in conjunction with the requirements of Subsection 106.05 of the Specifications.

REQUIREMENTS

To be acceptable for use by the Department, a chemical and/or air entraining admixture must be preapproved and must be listed on the ADOT Approved Products List.

The approval process shall include the manufacturer submitting satisfactory test results for the product, indicating that it meets the specification requirements of AASHTO M 194 (ASTM C 494) or AASHTO M 154 (ASTM C 260). Testing shall be conducted by an independent laboratory. The test results, accompanied by a Material Safety Data Sheet and the manufacturer's product data sheet, shall be submitted to Materials Group, Structural Materials Testing Section.

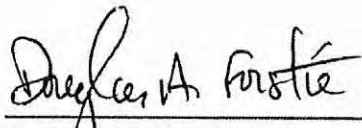
The submittal of a Certificate of Compliance from the manufacturer will be required in conjunction with having the product on the ADOT Approved Products List. The certificate shall clearly state the period of time in which all of the production of the particular product meets the

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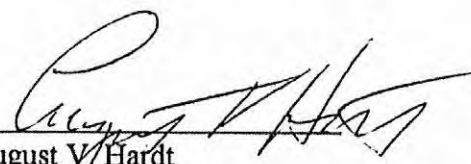
appropriate specification and that formulation of the product has not changed during this period. This period of time shall be limited to twelve months prior to the date of signature on the certificate. This document shall be submitted to Materials Group, Structural Materials Testing Section, and retained for record.

PROCEDURES

1. The construction project or area laboratory shall verify that the chemical and/or air entraining admixture(s) shown the concrete mix design also appear on the ADOT Approved Products List.
2. Sampling by the project or area laboratory and testing of the admixtures is not necessary. However, the Department reserves the right to sample and test for acceptance at any concrete batch plant without notice.
3. Obtaining a Certificate of Compliance/Analysis by the project or area laboratory is not necessary.
4. The project or area laboratory shall physically verify at the batch plant that the admixtures described on the mix design are present and being used.



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Approved by: 

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